

FORM PTO-1449

AUG 10 2005

FIRST SUPPLEMENTAL
INFORMATION DISCLOSURE STATEMENTATTY. DOCKET NO.
0942.5500001/RWE/FRCAPPLICATION NO.
10/618,852APPLICANTS
Muir *et al.*FILING DATE
July 15, 2003ART UNIT
2165 1631

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
<i>[Signature]</i>	AA20	5,451,513	09/19/1995	Maliga <i>et al.</i>			08/25/1993
<i>[Signature]</i>	AB20	6,040,138	03/21/2000	Lockhart <i>et al.</i>			09/15/1995
<i>[Signature]</i>	AC20	6,174,669	01/16/2001	Hayashizaki <i>et al.</i>			11/20/1996
<i>[Signature]</i>	AD20	6,197,554	03/06/2001	Lin <i>et al.</i>			11/20/1998
<i>[Signature]</i>	AB20	6,303,301	10/16/2001	Mack			05/29/1998
<i>[Signature]</i>	AF20	6,309,822	10/30/2001	Fodor <i>et al.</i>			12/23/1996
<i>[Signature]</i>	AG20	6,333,155	12/25/2001	Lockhart <i>et al.</i>			12/18/1998
<i>[Signature]</i>	AH20	6,399,334	06/04/2002	Li <i>et al.</i>			09/23/1998
<i>[Signature]</i>	AI20	2002/0162126	10/31/2002	Beach <i>et al.</i>			05/24/2001
<i>[Signature]</i>	AJ20	6,544,790	04/08/2003	Sabatini			09/18/2000
<i>[Signature]</i>	AK20	2003/0135888	07/17/2003	Zhu <i>et al.</i>			09/26/2002

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL20	FR 2 670 502	06/19/1992	France			Yes X No
<i>[Signature]</i>	AM20	WO 92/10577	06/25/1992	WIPO			Yes X No
<i>[Signature]</i>	AN20	WO 94/20604	09/15/1994	WIPO			Yes No
<i>[Signature]</i>	AO20	WO 98/47912	10/29/1998	WIPO			Yes No
<i>[Signature]</i>	AP20	WO 98/51699	11/19/1998	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>[Signature]</i>	AR	200	Agah, R., <i>et al.</i> , "Gene Recombination in Postmitotic Cells. Targeted Expression of Cre Recombinase Provokes Cardiac-restricted, Site-specific Rearrangement in Adult Ventricular Muscle In Vivo," <i>J. Clin. Invest.</i> 100:169-179, The American Society for Clinical Investigation, Inc. (July 1997)
<i>[Signature]</i>	AS	200	Altschul, S.F., <i>et al.</i> , "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs," <i>Nucleic Acids Res.</i> 25:3389-3402, Oxford University Press (1997)
<i>[Signature]</i>	AT	200	Baum, J.A., "Tn5401, a New Class II Transposable Element From <i>Bacillus thuringiensis</i> ," <i>J. Bacteriol.</i> 176:2835-2845, American Society for Microbiology (1994)

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	AA21	2003/0175772	09/18/2003	Wang			12/26/2002
	AB21	6,720,140	04/13/2004	Hartley <i>et al.</i>			02/04/2000
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	AL21	WO 98/56943	12/17/1998	WIPO			Yes No
	AM21	WO 99/15702	04/01/1999	WIPO			Yes No
	AN21	WO 00/29000	05/25/2000	WIPO			Yes No
	AO21	WO 00/52027	09/08/2000	WIPO			Yes No
	AP21	WO 00/52141	09/08/2000	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

AR	201	Benoist, C. and Chambon, P., "In vivo sequence requirements of the SV40 early promoter region," <i>Nature</i> 290:304-310, Macmillan Journals, Ltd. (1981)
AS	201	Botstein, D., <i>et al.</i> , "Making Mutations In Vitro and Putting Them Back Into Yeast," in <i>From Gene to Protein: Translation into Biotechnology</i> , Ahmad, F., <i>et al.</i> , eds., Academic Press, New York, NY, pp. 265-274 (1982)
AT	201	Broach, J.R., "The Yeast Plasmid 2 μ Circle," <i>Cell</i> 28:203-204, MIT (1982)

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<i>RM</i>	AL22	WO 01/25466	04/12/2001	WIPO			Yes No
<i>RM</i>	AM22	WO 01/42509	06/14/2001	WIPO			Yes No
<i>RM</i>	AN22	WO 01/68836	09/20/2001	WIPO			Yes No
<i>RM</i>	AO22	WO 02/46372	06/13/2002	WIPO			Yes No
<i>RM</i>	AP22	WO 02/062957	08/15/2002	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>RM</i>	AR	202	Cenatiempo, Y., "Prokaryotic gene expression <i>in vitro</i> : transcription-translation coupled systems," <i>Biochimie</i> 68:505-515, Elsevier (1986)
<i>RM</i>	AS	202	Christiansen, B., <i>et al.</i> , "A Resolvase-Like Protein Is Required for the Site-Specific Integration of the Temperate Lactococcal Bacteriophage TP901-1," <i>J. Bacteriol.</i> 178:5164-5173, American Society for Microbiology (September 1996)
<i>RM</i>	AT	202	Cooper, T.A., and Mattox, W., "Gene Regulation '97: The Regulation of Splice-Site Selection, and Its Role in Human Disease," <i>Am. J. Hum. Genet.</i> 61:259-266, American Society of Human Genetics (1997)

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<i>PM</i>	AL23	WO 02/086144	10/31/2002	WIPO			Yes No
<i>PM</i>	AM23	WO 02/095055	11/28/2002	WIPO			Yes No
<i>PM</i>	AN23	WO 03/044207	05/30/2003	WIPO			Yes No
<i>PM</i>	AO23	WO 04/009768	01/29/2004	WIPO			Yes No
<i>PM</i>	AP23	WO 04/013290	02/12/2004	WIPO			Yes No

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	AR	203	Crellin, P.K. and Rood, J.L., "The Resolvase/Invertase Domain of the Site-Specific Recombinase TnpX Is Functional and Recognizes a Target Sequence That Resembles the Junction of the Circular Form of the <i>Clostridium perfringens</i> Transposon Tn4451," <i>J. Bacteriol.</i> 179:5148-5156, American Society for Microbiology (August 1997)
<i>NOT REVIEWED</i>	AS	203	Eggertsson, G., and Soll, D., <i>et al.</i> , "Transfer Ribonucleic Acid-Mediated Suppression of Termination Codons in <i>Escherichia coli</i> ," <i>Microbiol. Rev.</i> 52:354-374, American Society for Microbiology (1988)
	AT	203	Engelberg-Kukla, H., and Schoulaker-Schwarz, R., in <i>Escherichia coli and Salmonella Cellular and Molecular Biology</i> , 2nd Ed., Neidhardt, F.C., <i>et al.</i> , eds., ASM Press, Washington, DC, pp. 909-921 (1996)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>Rm</i>	AL24	WO 01/59683 A2	08/16/2001	WIPO			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	204	Ferrin, L.J. and Camerini-Otero, R.D., "Sequence-specific ligation of DNA using RecA protein," <i>Proc. Natl. Acad. Sci. USA</i> 95:2152-2157, National Academy of Sciences (March 1998)
	AS	204	Glick, B.R., and Whitney, G.K., "Factors affecting the expression of foreign proteins in <i>Escherichia coli</i> ," <i>J. Ind. Microbiol.</i> 1:277-282, Elsevier Science Publishers (1987)
	AT	204	Gold, L., <i>et al.</i> , "Translational Initiation in Prokaryotes," <i>Ann. Rev. Microbiol.</i> 35:365-403, Annual Reviews, Inc. (1981)

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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	205	Golic, K.G. and Golic, M.M., "Engineering the Drosophila Genome: Chromosome Rearrangements by Design," <i>Genetics</i> 144:1693-1711, The Genetics Society of America (1996)
	AS	205	Gottesman, S., "Bacterial Regulation: Global Regulatory Networks," <i>Ann. Rev. Genet.</i> 18:415-441, Annual Reviews, Inc. (1984)
	AT	205	Gryczan, T., "Molecular Cloning in <i>Bacillus subtilis</i> ," in <i>The Molecular Biology of the Bacilli, Volume I: Bacillus subtilis</i> , Dubnau, D.A., ed., Academic Press, New York, NY, pp. 307-329 (1982)

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	AR	<u>206</u>	Gubler, U., and Hoffman, B.J., "A simple and very efficient method for generating cDNA libraries," <i>Gene</i> 25:263-269, Elsevier (1983)
	AS	<u>206</u>	Guo, F., <i>et al.</i> , "Structure of Cre recombinase complexed with DNA in a site-specific recombination synapse," <i>Nature</i> 389:40-46, Nature Publishing Group (September 1997)
	AT	<u>206</u>	Hallet, B. and Sherratt, D.J., "Transposition and site-specific recombination: adapting DNA cut-and-paste mechanisms to a variety of genetic rearrangements," <i>FEMS Microbiol. Rev.</i> 21:157-178, Elsevier Science B.V. (September 1997)

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	AR	207	Hamer, D.H. and Walling, M., "Regulation <i>In Vivo</i> of a Cloned Mammalian Gene: Cadmium Induces the Transcription of a Mouse Metallothionein Gene in SV40 Vectors," <i>J. Mol. Appl. Genet.</i> 1:273-288, Raven Press (1982)
	AS	207	Hanks, S.K. and Hunter, T., "The eukaryotic protein kinase superfamily: kinase (catalytic) domain structure and classification," <i>FASEB J.</i> 9:576-596, The Federation of American Societies for Experimental Biology (May 1995)
	AT	207	Huang, L-C., <i>et al.</i> , "Convenient and Reversible Site-Specific Targeting of Exogenous DNA into a Bacterial Chromosome by Use of the FLP Recombinase: the FLIRT System," <i>J. Bacteriol.</i> 179:6076-6083, American Society for Microbiology (October 1997)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>208</u>	John, Jr., J.F. and Twitty, J.A., "Plasmids as Epidemiologic Markers in Nosocomial Gram-Negative Bacilli: Experience at a University and Review of the Literature," <i>Rev. Infect. Dis.</i> 8:693-704, University of Chicago (1986)
	AS	<u>208</u>	Johnston, S.A. and Hopper, J.E., "Isolation of the yeast regulatory gene <i>GAL4</i> and analysis of its dosage effects on the galactose/melibiose regulon," <i>Proc. Natl. Acad. Sci. USA</i> 79:6971-6975, National Academy of Sciences (1982)
	AT	<u>208</u>	Kendall, K.J. and Cohen, S.N., "Plasmid Transfer in <i>Streptomyces lividans</i> : Identification of a <i>kil-kor</i> System Associated with the Transfer Region of pIJ101," <i>J. Bacteriol.</i> 169:4177-4183, American Society for Microbiology (1987)

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	AR	<u>209</u>	Krug, M.S., and Berger, S.L., "First-Strand cDNA Synthesis Primed with Oligo(dT)," <i>Methods Enzymol.</i> 152:316-325, Academic Press (1987)
	AS	<u>209</u>	Lyznik, L.A., <i>et al.</i> , "Activity of yeast FLP recombinase in maize and rice protoplasts," <i>Nucleic Acids Res.</i> 21:969-975, Oxford University Press (1993)
	AT	<u>209</u>	Maniatis, T., "Recombinant DNA Procedures in the Study of Eukaryotic Genes," in <i>Cell Biology: A Comprehensive Treatise, Volume 3, Gene Expression: The Production of RNA's</i> , Goldstein, L., and Prescott, D.M., eds., Academic Press, Inc., New York, NY, pp. 563-608 (1980)

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	AR	<u>210</u>	Maniatis, T., <i>et al.</i> , "The Isolation of Structural Genes from Libraries of Eucaryotic DNA," <i>Cell</i> 15:687-701, MIT (1978)
	AS	<u>210</u>	Martin, P.A., <i>et al.</i> , "Effects of gut hormones on ovine adipose metabolism <i>in vivo</i> using microdialysis," <i>Biochemical Society Transactions</i> 21:443S, Portland Press (1993)
	AT	<u>210</u>	Mayer, B.J. and Baltimore, D., "Signalling through SH2 and SH3 domains," <i>Trends Cell Biol.</i> 3:8-13, Elsevier Science (1993)

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	AR	<u>211</u>	McKnight, S.L., "Functional Relationships between Transcriptional Control Signals of the Thymidine Kinase Gene of Herpes Simplex Virus," <i>Cell</i> 31:355-365, MIT (1982)
	AS	<u>211</u>	Mottagui-Tabar, S., "Quantitative analysis of <i>in vivo</i> ribosomal events at UGA and UAG stop codons," <i>Nucleic Acids Res.</i> 26:2789-2796, Oxford University Press (1998)
	AT	<u>211</u>	Mount, S.M., "A catalogue of splice junction sequences," <i>Nucleic Acids Res.</i> 10:459-472, Oxford University Press (1982)

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	AS	212	Nunes-Duby, S.E., <i>et al.</i> , "λ Integrase cleaves DNA <i>in cis</i> ," <i>EMBO J.</i> 13:4421-4430, Oxford University Press (1994)
	AT	212	Odell, J., <i>et al.</i> , "Site-directed recombination in the genome of transgenic tobacco," <i>Mol. Gen. Genet.</i> 223:369-378, Springer-Verlag (1990)

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	AL						Yes No
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	AR	213	Okayama, H., and Berg, P., "High-Efficiency Cloning of Full-Length cDNA," <i>Mol. Cell. Biol.</i> 2:161-170, American Society for Microbiology (1982)
	AS	213	Peterson, B.O. and Shuman, S., "Histidine 265 Is Important for Covalent Catalysis by Vaccinia Topoisomerase and Is Conserved in All Eukaryotic Type I Enzymes," <i>J. Biol. Chem.</i> 272:3891-3896, The American Society for Biochemistry and Molecular Biology, Inc. (February 1997)
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	AR	<u>214</u>	Reed, R., "Initial splice-site recognition and pairing during pre-mRNA splicing," <i>Curr. Opin. Genet. Dev.</i> 6:215-220, Current Biology (1996)
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	AR	<u>215</u>	Sambrook, J., <i>et al.</i> , <i>Molecular Cloning, a Laboratory Manual</i> , 2nd Ed., Cold Spring Harbor Laboratory Press, Cold Spring Harbor, NY, pp. 16.30-16.55 (1989)
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	AT	<u>215</u>	Sauer, B. and Henderson, N., "Targeted Insertion of Exogenous DNA into the Eukaryotic Genome by the Cre Recombinase," <i>New Biol.</i> 2:441-449, Saunders Scientific Publications/W.B. Saunders Company (1990)

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	AS	216	Sekiguchi, J., and Shuman, S., "Requirements for noncovalent binding of vaccina topoisomerase I to duplex DNA," <i>Nucleic Acids Res.</i> 22:5360-5365, Oxford University Press (1994)
	AT	216	Senecoff, J.F., <i>et al.</i> , "The FLP recombinase of the yeast 2- μ m plasmid: Characterization of its recombination site," <i>Proc. Natl. Acad. Sci. USA</i> 82:7270-7274, National Academy of Sciences (1985)

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	AR	<u>217</u>	Shaikh, A.C. and Sadowski, P.D., "The Cre Recombinase Cleaves the <i>lox</i> Site in <i>trans</i> ," <i>J. Biol. Chem.</i> 272:5695-5702, The American Society for Biochemistry and Molecular Biology, Inc. (February 1997)
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	AR	218	Short, J.M., <i>et al.</i> , "λ ZAP: a bacteriophage λ expression vector with <i>in vivo</i> excision properties," <i>Nucleic Acids Res.</i> 16:7583-7600, Oxford University Press (1988)
	AS	218	Shuman, S., "Site-specific Interaction of Vaccinia Virus Topoisomerase I with Duplex DNA. Minimal DNA Substrate for Strand Cleavage <i>In Vitro</i> ," <i>J. Biol. Chem.</i> 266:11372-11379, The American Society for Biochemistry and Molecular Biology, Inc. (1991)
	AT	218	Shuman, S., "Erratum: Site-specific Interaction of Vaccinia Virus Topoisomerase I with Duplex DNA. Minimal DNA Substrate for Strand Cleavage <i>In Vitro</i> ," <i>J. Biol. Chem.</i> 266:20576-20577, The American Society for Biochemistry and Molecular Biology, Inc. (1991)

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	AR	219	Shuman, S., <i>et al.</i> , "Characterization of Vaccinia Virus DNA Topoisomerase I Expressed in <i>Escherichia coli</i> ," <i>J. Biol. Chem.</i> 263:16401-16407, The American Society for Biochemistry and Molecular Biology, Inc. (1988)
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	AS	220	Thompson, J.D., <i>et al.</i> , "CLUSTAL W: improving the sensitivity of progressive multiple sequence alignment through sequence weighting, position-specific gap penalties and weight matrix choice," <i>Nucleic Acids Res.</i> 22:4673-4680, Oxford University Press (1994)
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	AR	221	van Deursen, J., <i>et al.</i> , "Cre-mediated site-specific translocation between nonhomologous mouse chromosomes," <i>Proc. Natl. Acad. Sci. USA</i> 92:7376-7380, National Academy of Sciences (1995)
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	AT	221	Watson, J.D., <i>et al.</i> , "Transferring Genes into Mammalian Cells," in <i>Recombinant DNA</i> , 2nd Ed., W.H. Freeman and Co., New York, NY, pp. 213-234 (1992)

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	AR	<u>222</u>	Zhang, Z., <i>et al.</i> , "Protein sequence similarity searches using patterns as seeds," <i>Nucleic Acids Res.</i> 26:3986-3990, Oxford University Press (1998)
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	AT	<u>222</u>	Dialog File 351, Derwent World Patent Index, unverified English Language Abstract for French Patent No. FR 2 670 502 and PCT Patent No. WO 92/10577, WPI Accession No. 9107201

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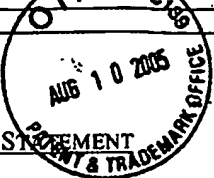


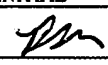




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
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	ABI	4,673,640	06/16/1987	Backman			04/30/1984
	ACI	4,683,195	07/28/1987	Mullis <i>et al.</i>			02/07/1986
	ADI	4,683,202	07/28/1987	Mullis			10/25/1985
	AEI	4,743,546	05/10/1988	Backman <i>et al.</i>			04/29/1987
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	AGI	4,855,231	08/08/1989	Stroman <i>et al.</i>			09/25/1985
	AHI	4,959,217	09/25/1990	Sanders <i>et al.</i>			05/22/1986
	AII	4,959,317	09/25/1990	Sauer			06/17/1987
	AJI	4,965,188	10/23/1990	Mullis <i>et al.</i>			11/01/1989
	AKI	5,093,257	03/03/1992	Gray			05/26/1989
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	AMI	EP 0 220 009	04/29/1987	Europe			Yes No
	ANI	EP 0 300 422	01/25/1989	Europe			Yes No
	AOI	WO 90/11375	10/04/1990	WIPO			Yes No
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  	AR	1	Abremski, K., <i>et al.</i> , "Bacteriophage P1 Cre- <i>loxP</i> Site-specific Recombination: Site-specific DNA Topoisomerase Activity of the Cre Recombination Protein," <i>J. Biol. Chem.</i> 261:391-396, American Society for Biochemistry and Molecular Biology (1986)				
	AS	1	Abremski, K., and Hoess, R., "Bacteriophage P1 Site-specific Recombination. Purification and Properties of the Cre Recombinase Protein," <i>J. Biol. Chem.</i> 259:1509-1514, American Society for Biochemistry and Molecular Biology (1984)				
	AT	1	Abremski, K., <i>et al.</i> , "Studies on the Properties of P1 Site-Specific Recombination: Evidence for Topologically Unlinked Products Following Recombination," <i>Cell</i> 32:1301-1311, Cell Press (1993)				
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	AB2	5,159,062	10/27/1992	Knapp <i>et al.</i>			10/01/1990
	AC2	5,227,288	07/13/1993	Blattner			01/09/1991
	AD2	5,286,632	02/15/1994	Jones			07/16/1992
	AE2	5,334,375	08/02/1994	Nabi <i>et al.</i>			10/15/1993
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	AI2	5,378,618	01/03/1995	Sternberg <i>et al.</i>			03/15/1994
	AJ2	5,434,066	07/18/1995	Bebee <i>et al.</i>			12/21/1993
	AK2	5,470,727	11/28/1995	Mascarenhas <i>et al.</i>			01/29/1993

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL2	EP 0 427 074	05/15/1991	Europe			Yes No
	AM2	WO 91/09957	07/11/1991	WIPO			Yes No
	AN2	WO 91/16427	10/31/1991	WIPO			Yes No
	AO2	WO 92/15694	09/17/1992	WIPO			Yes No
	AP2	WO 92/20791	11/26/1992	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Abremski, K., and Gottesman, S., "Purification of the Bacteriophage λ <i>xis</i> Gene Product Required for λ Excisive Recombination," <i>J. Biol. Chem.</i> 257:9658-9662, American Society for Biochemistry and Molecular Biology (1982)
	AS	2	Adams, D.E., <i>et al.</i> , "Cre-lox Recombination in <i>Escherichia coli</i> Cells: Mechanistic Differences from the <i>in Vitro</i> Reaction," <i>J. Mol. Biol.</i> 226:661-673, Academic Press (1992)
	AT	2	Akagi, K., <i>et al.</i> , "Cre-mediated somatic site-specific recombination in mice," <i>Nucl. Acids Res.</i> 25:1766-1773, Oxford University Press (May 1997)

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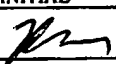
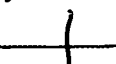

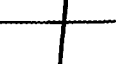




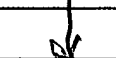


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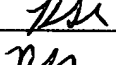
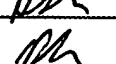

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET No.
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~~2165~~ 1031




U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA3	5,527,695	06/18/1996	Hodges <i>et al.</i>			02/03/1995
	AB3	5,591,609	01/07/1997	Auerbach			02/17/1994
	AC3	5,605,793	02/25/1997	Stemmer			09/26/1995
	AD3	5,614,389	03/25/1997	Auerbach			01/20/1995
	AE3	5,635,381	06/03/1997	Hooykaas <i>et al.</i>			06/07/1995
	AF3	5,650,308	07/22/1997	Baum			06/07/1995
	AG3	5,650,557	07/22/1997	Hannah <i>et al.</i>			07/27/1994
	AH3	5,654,182	08/05/1997	Wahl <i>et al.</i>			06/07/1995
	AI3	5,658,772	08/19/1997	Odell <i>et al.</i>			03/02/1994
	AJ3	5,677,170	10/14/1997	Devine <i>et al.</i>			06/07/1995
	AK3	5,677,177	10/14/1997	Wahl <i>et al.</i>			07/29/1996

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL3	WO 92/22650	12/23/1992	WIPO			Yes No
	AM3	EP 0 542 466	05/19/1993	Europe			Yes No
	AN3	WO 93/15191	08/05/1993	WIPO			Yes No
	AO3	WO 93/19172	09/30/1993	WIPO			Yes No
	AP3	CA 2,141,412	02/17/1994	Canada			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)


	AR	3	Aladjem, M.I., <i>et al.</i> , "Positive Selection of FLP-Mediated Unequal Sister Chromatid Exchange Products in Mammalian Cells," <i>Mol. Cell. Biol.</i> 17:857-861, American Society for Microbiology (February 1997)
	AS	3	Albert, H., <i>et al.</i> , "Site-specific Integration of DNA into wild-type and mutant <i>lox</i> sites placed in the plant genome," <i>Plant J.</i> 7:649-659, Blackwell Science Ltd. (1995)
	AT	3	Andrews, B.J., <i>et al.</i> , "The FLP Recombinase of the 2 μ Circle DNA of Yeast: Interaction with Its Target Sequences," <i>Cell</i> 40:795-803, Cell Press (1985)

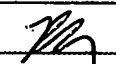

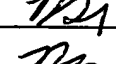
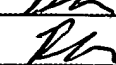

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ATTY. DOCKET NO. 0942.5500001/RWE/FRC	APPLICATION NO. 10/618,852						
APPLICANTS Muir <i>et al.</i>							
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U.S. PATENT DOCUMENTS							
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	AA4	5,710,248	01/20/1998	Grose			06/07/1995
↓	AB4	5,723,765	03/03/1998	Oliver <i>et al.</i>			03/02/1995
	AC4	5,728,551	03/17/1998	Devine <i>et al.</i>			02/01/1996
	AD4	5,733,733	03/31/1998	Auerbach			06/10/1996
	AE4	5,733,743	03/31/1998	Johnson <i>et al.</i>			03/08/1996
	AF4	5,744,336	04/28/1998	Hodges <i>et al.</i>			02/13/1985
	AG4	5,766,891	06/16/1998	Shuman			12/19/1994
	AH4	5,776,449	07/07/1998	Baum <i>et al.</i>			09/20/1996
	AI4	5,801,030	09/01/1998	McVey <i>et al.</i>			09/01/1995
	AJ4	5,814,300	09/29/1998	Scott <i>et al.</i>			03/03/1995
	AK4	5,830,707	11/03/1998	Bushman			06/05/1995

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL4	WO 94/03624	02/17/1994	WIPO			Yes
	AM4	WO 94/09127	04/28/1994	WIPO			No
	AN4	WO 94/17176	08/04/1994	WIPO			Yes
	AO4	WO 94/18333	08/18/1994	WIPO			No
	AP4	WO 95/00555	01/05/1995	WIPO			Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	4	Andrews, B.J., <i>et al.</i> , "Interaction of the FLP Recombinase of the <i>Saccharomyces cerevisiae</i> 2µm Plasmid with Mutated Target Sequences," <i>Mol. Cell. Biol.</i> 6:2482-2489, American Society for Microbiology (1986)
	AS	4	Angelastro, J.M., <i>et al.</i> , "Identification of diverse nerve growth factor-regulated genes by serial analysis of gene expression (SAGE) profiling," <i>Proc. Natl. Acad. Sci. USA</i> 97:10424-10429, National Academy of Sciences (September 2000)
	AT	4	Angrand, P.O., <i>et al.</i> , "Inducible expression based on regulated recombination: a single vector strategy for stable expression in cultured cells," <i>Nucl. Acids Res.</i> 26:3263-3269, Oxford University Press (July 1998)

EXAMINER	DATE CONSIDERED
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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT		Page 5 of 121 ATTY. DOCKET NO. 0942.5500001/RWE/FRC APPLICANTS Muir <i>et al.</i> FILING DATE July 15, 2003	APPLICATION NO. 10/618,852 ART UNIT 2165 1631
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U.S. PATENT DOCUMENTS							
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[Signature]	AA5	5,837,242	11/17/1998	Holliger <i>et al.</i>			05/14/1996
[Signature]	AB5	5,837,458	11/17/1998	Minshull <i>et al.</i>			05/20/1996
[Signature]	AC5	5,843,772	12/01/1998	Devine <i>et al.</i>			11/18/1994
[Signature]	AD5	5,851,808	12/22/1998	Elledge <i>et al.</i>			02/28/1997
[Signature]	AE5	5,858,657	01/12/1999	Winter <i>et al.</i>			06/07/1995
[Signature]	AF5	5,871,907	02/16/1999	Winter <i>et al.</i>			03/31/1994
[Signature]	AG5	5,874,259	02/23/1999	Szybalski			11/21/1997
[Signature]	AH5	5,888,732	03/30/1999	Hartley <i>et al.</i>			06/07/1996
[Signature]	AI5	5,916,804	06/29/1999	Bushman			04/17/1998
[Signature]	AJ5	5,919,676	07/06/1999	Graham <i>et al.</i>			06/07/1995
[Signature]	AK5	5,928,914	07/27/1999	Leboulch <i>et al.</i>			11/05/1996

FOREIGN PATENT DOCUMENTS							
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[Signature]	AO5	WO 96/40722	12/19/1996	WIPO			Yes No
[Signature]	AP5	WO 96/40724	12/19/1996	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
[Signature]	AR	5	Anton, M., and Graham, F.L., "Site-Specific Recombination Mediated by an Adenovirus Vector Expressing the Cre Recombinase Protein: a Molecular Switch for Control of Gene Expression," <i>J. Virol.</i> 69:4600-4606, American Society for Microbiology (1995)
[Signature]	AS	5	Araki, H., <i>et al.</i> , "Site-specific Recombinase, R, Encoded by Yeast Plasmid pSR1," <i>J. Mol. Biol.</i> 225:25-37, Academic Press, Inc., New York, NY (1992)
[Signature]	AT	5	Astumian, J.H., <i>et al.</i> , "Site-specific recombination between cloned attP and attB sites from the Haemophilus influenza bacteriophage HP1 propagated in recombination deficient <i>Escherichia coli</i> ," <i>J. Bacteriol.</i> 171:1747-1750, American Society for Microbiology (1989)


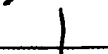
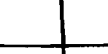
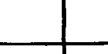
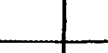
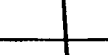
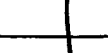
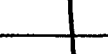

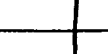
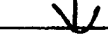
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA6	5,929,307	07/27/1999	Hodges <i>et al.</i>			12/20/1996
	AB6	5,962,255	10/05/1999	Griffiths <i>et al.</i>			12/05/1994
	AC6	5,981,177	11/09/1999	Demirjian <i>et al.</i>			01/25/1995
	AD6	5,989,872	11/22/1999	Luo <i>et al.</i>			08/12/1997
	AE6	6,010,884	01/04/2000	Griffiths <i>et al.</i>			05/29/1996
	AF6	6,040,430	03/21/2000	Stewart			12/26/1995
	AG6	6,066,778	05/23/2000	Ginsburg, <i>et al.</i>			11/06/1996
	AH6	6,063,627	06/16/2000	McVey <i>et al.</i>			02/25/1998
	AI6	6,080,576	06/27/2000	Zambrowicz, <i>et al.</i>			04/08/1998
	AJ6	6,143,557	11/07/2000	Hartley <i>et al.</i>			01/20/1999
	AK6	6,171,861	01/09/2001	Hartley <i>et al.</i>			01/12/1998

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL6	WO 97/06265	02/20/1997	WIPO			Yes No
	AM6	WO 97/09436	03/13/1997	WIPO			Yes No
	AN6	WO 97/25446	07/17/1997	WIPO			Yes No
	AO6	WO 97/32481	09/12/1997	WIPO			Yes No
	AP6	WO 98/10086	03/12/1998	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	6	Atlung, T., <i>et al.</i> , "A versatile method for integration of genes and gene fusions into the λ attachment site of <i>Escherichia coli</i> ," <i>Gene</i> 107:11-17, Elsevier Science (1991)
	AS	6	Ausubel, F.M., <i>et al.</i> , "Maps of Plasmids pBR322 and pUC19," in <i>Short Protocols in Molecular Biology</i> , Third Edition, John Wiley & Sons, Inc., Boston, MA, pp. 1.12-1.13 (1995)
	AT	6	Ayres, E.K., <i>et al.</i> , "Precise Deletions in Large Bacterial Genomes by Vector-mediated Excision (VEX) The <i>trfA</i> Gene of Promiscuous Plasmid RK2 is Essential for Replication in Several Gram-negative Hosts," <i>J. Mol. Biol.</i> 230:174-185, Academic Press (1993)

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA7	6,225,121	05/01/2001	Savakis, C. <i>et al.</i>			04/27/1998
	AB7	6,262,341	07/17/2001	Baszczynski <i>et al.</i>			11/17/1998
	AC7	6,270,969	08/07/2001	Hartley <i>et al.</i>			01/20/1999
	AD7	6,271,436	08/07/2001	Piedrahita <i>et al.</i>			10/10/1997
	AE7	6,277,608	08/21/2001	Hartley <i>et al.</i>			04/22/1999
	AF7	2002/0007051	01/17/2002	Cheo <i>et al.</i>			12/11/2000
	AG7	6,361,972	03/26/2002	Harrington <i>et al.</i>			01/10/2000
	AH7	6,365,377	04/02/2002	Patten <i>et al.</i>			03/03/2000
	AI7	2002/0068290	06/06/2002	Yarovinsky			05/31/2001
	AJ7	6,410,266	06/25/2002	Harrington <i>et al.</i>			01/07/2000
	AK7	6,410,317	06/25/2002	Farmer			07/14/2000

FOREIGN PATENT DOCUMENTS

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	AL7	WO 98/53056	11/26/1998	WIPO			Yes X No
	AM7	WO 99/10488	03/04/1999	WIPO			Yes No
	AN7	WO 99/21977	05/06/1999	WIPO			Yes No
	AO7	WO 99/25851	05/27/1999	WIPO			Yes X No
	AP7	WO 99/55851	11/04/1999	WIPO			Yes No

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	AR	1	Babineau, D., <i>et al.</i> , "The FLP Protein of the 2-micron Plasmid of Yeast," <i>J. Biol. Chem.</i> 260:12313-12391, American Society for Biochemistry and Molecular Biology, Inc. (1985)
	AS	1	Backman, K., <i>et al.</i> , "Use of Synchronous Site-Specific Recombination <i>In Vivo</i> to Regulate Gene Expression," <i>BioTechnology</i> 2:1045-1049 (1984)
	AT	1	Bai, C., <i>et al.</i> , "SKP1 Connects Cell Cycle Regulators to the Ubiquitin Proteolysis Machinery through a Novel Motif, the F-Box," <i>Cell</i> 86:263-274, Cell Press (July 1996)





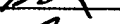
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA8	2002/0094574	07/18/2002	Hartley <i>et al.</i>			05/16/2001
	AB8	2002/0106797	08/08/2002	Miles <i>et al.</i>			03/12/2001
	AC8	6,436,707	08/20/2002	Zambrowicz <i>et al.</i>			03/25/1999
	AD8	2002/0172997	11/21/2002	Hartley <i>et al.</i>			07/19/2001
	AE8	2002/0182731	12/05/2002	Ji <i>et al.</i>			01/25/2002
	AF8	2002/0192819	12/19/2002	Hartley <i>et al.</i>			07/19/2001
	AG8	2003/0027289	02/06/2003	Farmer			04/05/2002
	AH8	2003/0027337	02/06/2003	Droge <i>et al.</i>			02/25/2002
	AI8	2003/0054552	03/20/2003	Hartley <i>et al.</i>			01/30/2002
	AJ8	2003/0054555	03/20/2003	Farmer <i>et al.</i>			09/17/2002
		AK8	2003/0059900	03/27/2003	Farmer		

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL8	WO 00/12687	03/09/2000	WIPO			Yes No
	AM8	EP 1 035 208	09/13/2000	Europe			Yes No
	AN8	WO 00/60091	10/12/2000	WIPO			Yes No
	AO8	WO 01/05961	01/25/2001	WIPO			Yes No
	AP8	WO 01/07572	02/01/2001	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	8	Balakrishnan, R., <i>et al.</i> , "A gene cassette for adapting <i>Escherichia coli</i> strains as hosts for <i>att</i> -Int-mediated rearrangement and <i>p_L</i> expression vectors," <i>Gene</i> 138:101-104, Elsevier Science (January 1994)
	AS	8	Ball, C.A., and Johnson, R.C., "Efficient Excision of Phage λ from the <i>Escherichia coli</i> Chromosome Requires the Fis Protein," <i>J. Bacteriol.</i> 173: 4027-4031, American Society for Microbiology (July 1991)
	AT	8	Barnes, G., and Rine, J., "Regulated expression of endonuclease <i>EcoRI</i> in <i>Saccharomyces cerevisiae</i> : Nuclear entry and biological consequences," <i>Proc. Natl. Acad. Sci. USA</i> 82: 1354-1358, National Academy of Sciences (1985)


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




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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA9	2003/0064515	04/03/2003	Hartley <i>et al.</i>			01/30/2002
	AB9	2003/0068799	04/10/2003	Hartley <i>et al.</i>			06/06/2002
	AC9	2003/0077804	04/24/2003	Byrd <i>et al.</i>			04/19/2002
	AD9	2003/0100110	05/29/2003	Hartley <i>et al.</i>			11/02/1999
	AE9	2003/0124555	07/03/2003	Brasch <i>et al.</i>			05/21/2002
	AF9	2003/0153055	08/14/2003	Miles <i>et al.</i>			02/20/2003
	AG9	2003/0157662	08/21/2003	Gerard <i>et al.</i>			11/13/2002
	AH9	2003/0157716	08/21/2003	Hartley <i>et al.</i>			11/02/2001
	AI9	2003/0175970	09/18/2003	Hartley <i>et al.</i>			11/21/2002
	AJ9	2003/0176644	09/18/2003	Byrd <i>et al.</i>			02/07/2002
	AK9	2003/0186233	10/02/2003	Chesnut <i>et al.</i>			12/07/2001

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL9	WO 01/11058	02/15/2001	WIPO			Yes No
	AM9	WO 01/31039	05/03/2001	WIPO			Yes No
	AN9	WO 01/62892	08/30/2001	WIPO			Yes No
	AO9	WO 02/00875	01/03/2002	WIPO			Yes No
	AP9	WO 02/05294	01/17/2002	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Bauer, C.E., <i>et al.</i> , "Extent of Sequence Homology Required for Bacteriophage Lambda Site-specific Recombination," <i>J. Mol. Biol.</i> 181:187-197, Academic Press Inc. (1985)
	AS	2	Bayley, C.C., <i>et al.</i> , "Exchange of gene activity in transgenic plants catalyzed by the Cre-lox site specific recombination system," <i>Plant Mol. Biol.</i> 18:353-361, Dordrecht Kluwer Academic (1992)
	AT	2	Bernard, P., and Couturier, M., "Cell Killing by the F plasmid CcdB Protein Involves Poisoning of DNA-topoisomerase II Complexes," <i>J. Mol. Biol.</i> 226:735-745, Academic Press, Inc. (1992)

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Pm	AA10	2003/0220249	Hackett <i>et al.</i>			02/07/2003	
↓	AB10	2004/0040053	Nomura <i>et al.</i>			11/22/2002	
↓	AC10	2004/0053412	Hartley <i>et al.</i>			03/26/2003	
↓	AD10	2004/0063207	Hartley <i>et al.</i>			10/08/2003	
↓	AE10	6,720,140	Hartley <i>et al.</i>			02/04/2000	
↓	AF10	2004/0171156	Hartley <i>et al.</i>			04/02/2004	
↓	AG10	2004/0171157	Hartley <i>et al.</i>			04/08/2004	
↓	AH10	2004/0219516	Bennett <i>et al.</i>			07/18/2003	
↓	AI10	2004/0219673	Hartley <i>et al.</i>			03/10/2004	
↓	AJ10	2004/0229229	Cheo <i>et al.</i>			08/14/2003	
↓	AK10	2004/0253631	Hartley <i>et al.</i>			07/19/2004	

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Pm	AM10	WO 02/16594	WIPO			No	
Pm	AN10	WO 02/061034	WIPO			Yes	
Pm	AO10	WO 03/025161	WIPO			No	
Pm	AP10	WO 03/103600	WIPO			Yes	
						No	

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
Pm	AR	10	Bernard, P., "Positive Selection of Recombinant DNA by CcdB," <i>BioTechniques</i> 21:320-323, Eaton Publishing Company (1996)
Pm	AS	10	Bernard, P. <i>et al.</i> , "The F Plasmid CcdB Protein Induces Efficient ATP-dependent DNA Cleavage by Gyrase," <i>J. Mol. Biol.</i> 234:534-541, Academic Press, Inc. (1993)
Pm	AT	10	Bernard, P., <i>et al.</i> , "Positive selection of vectors using the F plasmid <i>ccdB</i> killer gene," <i>Gene</i> 148: 71-74, Elsevier Science (1994)

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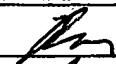

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	AA11	2004/0265863	12/30/2004	Chesnut <i>et al.</i>			03/04/2004
	AB11	2005/0009091	01/13/2005	Hartley <i>et al.</i>			08/19/2004
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	AN						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	11	Bethke, B., and Sauer, B., "Segmental genomic replacement by Cre-mediated recombination: genotoxic stress activation of the p53 promoter in single-copy transformants," <i>Nucl. Acids Res.</i> 25:2828-2834, Oxford University Press (1997)
	AS	11	Betz, U.A.K., <i>et al.</i> , "Bypass of lethality with mosaic mice generated by Cre-loxP-mediated recombination," <i>Curr. Biol.</i> 6:1307-1316, Current Biology Ltd. (October 1996)
	AT	11	Bhandari, P., and Gowrishankar, J., "An <i>Escherichia coli</i> host strain useful for efficient overproduction of cloned gene products with NaCl as the inducer," <i>J. Bacteriol</i> 179:4403-4406, American Society for Microbiology (July 1997)

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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	12	Black, L.W., "In vitro packaging into phage T4 particles and specific recircularization of phage lambda DNAs," <i>Gene</i> 46:97-101, Elsevier Science (1986)
	AS	12	Bloch, C.A., <i>et al.</i> , "Purification of <i>Escherichia coli</i> Chromosomal Segments without Cloning," <i>Biochem. Biophys. Res. Comm.</i> 223:104-111, Academic Press, Inc. (1996)
	AT	12	Bochner, B.R., <i>et al.</i> , "Positive Selection for Loss of Tetracycline Resistance," <i>J. Bacteriol.</i> 143:926-933, American Society for Microbiology (1980)

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	AN						Yes
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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	13	Boshart, M., <i>et al.</i> , "A Very Strong Enhancer is Located Upstream of an Immediate Early Gene of Human Cytomegalovirus," <i>Cell</i> 41:521-530, MIT (1985)
	AS	13	Bouhassira, E.E., <i>et al.</i> , "Transcriptional Behavior of LCR Enhancer Elements Integrated at the Same Chromosomal Locus by Recombinase-Mediated Cassette Exchange," <i>Blood</i> 90:3332-3344, The American Society of Hematology (November 1997)
	AT	13	Boyd, A.C., "Turbo cloning: a fast, efficient method for cloning PCR products and other blunt-ended DNA fragments into plasmids," <i>Nucl. Acids Res.</i> 21:817-821, Oxford University Press (1993)

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	AO						Yes
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	AP						Yes
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	14	Brent, R., and Ptashne, M., "A bacterial repressor protein or a yeast transcriptional terminator can block upstream activation of a yeast gene," <i>Nature</i> 312: 612-615, Macmillan Journals Ltd. (1984)
	AS	14	Broach, J. R., <i>et al.</i> , "Recombination within the Yeast Plasmid 2μ Circle is Site-Specific," <i>Cell</i> 29:227-234, Cell Press (1982)
	AT	14	Bruckner, R.C., and Cox, M.M., "The Histone-like H Protein of <i>Escherichia coli</i> is a ribosomal protein s3," <i>Nucl. Acids Res.</i> 17:3145-3161 (1989)

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	AO						Yes
							No
	AP						Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	15	Brunelli, J.P., and Pall, M.L., "Lambda/Plasmid Vector Construction by <i>In Vivo cre/lox</i> -Mediated Recombination," <i>BioTechniques</i> 16:1061-1064, Eaton Publishing Company (June 1994)
	AS	15	Brunelli, J.P. and Pall, M.L., "A Series of Yeast/ <i>Escherichia coli</i> λ Expression Vectors Designed for Directional Cloning of cDNAs and <i>cre/lox</i> -Mediated Plasmid Excision," <i>Yeast</i> 9:1309-1318, John Wiley (1993)
	AT	15	Bubeck, P., <i>et al.</i> , "Rapid cloning by homologous recombination <i>in vivo</i> ," <i>Nucl. Acids Res.</i> 21:3601-3602, Oxford University Press (1993)

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	AP						Yes No

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	AR	16	Buchholz, F., <i>et al.</i> , "A simple assay to determine the functionality of Cre or FLP recombination targets in genomic manipulation constructs," <i>Nucl. Acids Res.</i> 24:3118-3119, Oxford University Press (1996)
	AS	16	Buchholz, F., <i>et al.</i> , "Different thermostabilities of FLP and Cre recombinases: implications for applied site-specific recombination," <i>Nucl. Acids Res.</i> 24:4256-4262, Oxford University Press (1996)
	AT	16	Bushman, W., <i>et al.</i> , "Control of Directionality in Lambda Site Specific Recombination," <i>Science</i> 230:906-911, American Association for the Advancement of Science (1985)

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	AP						Yes
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	AR	17	Burioni, R., <i>et al.</i> , "An improved phage display vector for antibody repertoire cloning by construction of combinatorial libraries," <i>Res. Virol.</i> 148:161-164, Elsevier (1997)
	AS	17	Campbell, A. M., "Chromosomal Insertion Sites for Phages and Plasmids," <i>J. Bacteriol.</i> 174:7495-7499, American Society For Microbiology (1992)
	AT	17	Capone, J.P., <i>et al.</i> , "Introduction of UAG, UAA, and UGA Nonsense Mutations at a Specific Site in the <i>Escherichia coli</i> Chloramphenicol Acetyltransferase Gene: Use in Measurement of Amber, Ochre, and Opal Suppression in Mammalian Cells," <i>Mol. Cell. Biol.</i> 6:3059-3067, American Society for Microbiology (1986)

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	AR	18	Chanock, R.M., <i>et al.</i> , "Human Monoclonal Antibody Fab Fragments Cloned from Combinatorial Libraries: Potential Usefulness in Prevention and/or Treatment of Major Human Viral Diseases," <i>Infect. Agents Dis.</i> 2:118-131, Raven Press (1993)
	AS	18	Chapin, S.J., <i>et al.</i> , "Differential expression of alternatively spliced forms of MAP4: a repertoire of structurally different microtubule-binding domains," <i>Biochem.</i> 34:2289-2301, American Chemical Society (1995)
	AT	18	Chatterjee, P.K., and Coren, J.S., "Isolating large nested deletions in bacterial and P1 artificial chromosomes by <i>in vivo</i> P1 packaging of products of Cre-catalyzed recombination between the endogenous and a transposed <i>loxP</i> site," <i>Nucl. Acids Res.</i> 25:2205-2212, Oxford University Press (1997)

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	AR	12	Cherepanov, P.P., and Wackernagel, W., "Gene disruption in <i>Escherichia coli</i> : Tc ^R and Km ^R cassettes with the option of FLP-catalyzed excision of the antibiotic-resistance determinant," <i>Gene</i> 158:9-14, Elsevier Science (1995)
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	AR	20	Chuang, C-F., <i>et al.</i> , "Specific and heritable genetic interference by double-stranded RNA in <i>Arabidopsis thaliana</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 97:4985-4990, National Academy of Sciences of the USA (April 2000)
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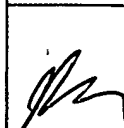
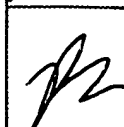
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	AR	<u>23</u>	Collis, C.M., and Hall, R.M., "Expression of Antibiotic Resistance Genes in the Integrated Cassettes of Integrins," <i>Antimicrob Agents Chemother</i> 39:155-162, American Society For Microbiology (1995)
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	AR	24	Cox, M.M., "The FLP protein of the yeast 2-μm plasmid: Expression of a eukaryotic genetic recombination system in <i>Escherichia coli</i> ," <i>Proc. Natl. Acad. Sci. USA</i> 80:4223-4227, National Academy of Sciences (1983)
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	AR	<u>25</u>	Dale, E.C., and Ow, D.W., "Intra- and intermolecular site-specific recombination in plant cells mediated by bacteriophage P1 recombinase," <i>Gene</i> 91:79-85, Elsevier Science (1990)
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	AR	26	Dang, D.T., and Perrimon, N., "Use of a Yeast Site-Specific Recombinase to Generate Embryonic Mosaics in <i>Drosophila</i> ," <i>Dev. Genet.</i> 13:367-375, Wiley-Liss (1992)
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	AR	27	Davis, C.R., <i>et al.</i> , "Analysis of the Mechanisms of Action of the <i>Saccharomyces cerevisiae</i> Dominant Lethal <i>cdc42</i> ^{G12V} and Dominant Negative <i>cdc42</i> ^{D118A} Mutations," <i>J. Biol. Chem.</i> 273:849-858, The American Society for Biochemistry and Molecular Biology (1998)
	AS	27	Degryse, E., "In vivo intermolecular recombination in <i>Escherichia coli</i> : application to plasmid constructions," <i>Gene</i> 170:45-50, Elsevier Science (1996)
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FORM PTO-1449

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	AR	31	Feinbaum, R., "Vectors Derived from Plasmids," in <i>Current Protocols in Molecular Biology</i> , Ausubel, F.M., <i>et al.</i> , eds., John Wiley & Sons, Inc., Boston, MA, pp. 1:1.5.1-1.5.17 (1998)
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	AR	36	Golic, K.G., and Lindquist, S., "The FLP Recombinase of Yeast Catalyzes Site-Specific Recombination in the Drosophila Genome," <i>Cell</i> 59:499-509, Cell Press (1989)
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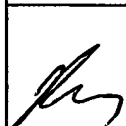
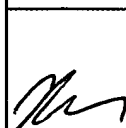
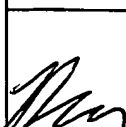
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	AR	43	Hoess, R.H., <i>et al.</i> , "Mechanism of Strand Cleavage and Exchange in the Cre-lox Site-specific Recombination System," <i>J. Mol. Biol.</i> 181:351-362, Academic Press (1985)
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	AR	45	Holt, C.L., and May, G.S., "A novel phage λ replacement Cre-lox vector that has automatic subcloning capabilities," <i>Gene</i> 133:95-97, Elsevier Science (1993)
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	AS	46	Institut Pasteur Website, Introduction: http://www.pasteur.fr/recherche/unites/pmtg/integ/intro.html (accessed 6/19/2003)
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	AR	47	Institut Pasteur Website, Figure 2: http://www.pasteur.fr/recherche/unites/pmtg/integ/fig2.html (accessed 6/19/2003)
	AS	47	Institut Pasteur Website, Figure 3: http://www.pasteur.fr/recherche/unites/pmtg/integ/fig3.html (accessed 6/19/2003)
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	AR	48	Invitrogen Online Catalog, "The Echo™ Cloning System: The Future of Cloning is Here," available at: http://web.archive.org/web/20010112191100/www.invitrogen.com/catalog_project/cat_echo.html (accessed July 7, 2004)
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	AR	42	Jeong, J-H., <i>et al.</i> , "Cloning and nucleotide sequencing of the genes, <i>rplU</i> and <i>rpmA</i> , for ribosomal proteins L21 and L27 of <i>Escherichia coli</i> ," <i>J. DNA Sequencing and Mapping</i> 4:59-67, Harwood Academic Publishers GmbH (1993)
	AS	42	Johnson, R.C., <i>et al.</i> , "Isolation of the gene encoding the Hin recombinational enhancer binding protein," <i>Proc. Natl. Acad. Sci. USA</i> 85:3484-3488, National Academy of Sciences (1988)
	AT	42	Kanaar, R., <i>et al.</i> , "Gin-Mediated Recombination of Catenated and Knotted DNA Substrates: Implications for the Mechanism of Interaction Between <i>Cis</i> -Acting Sites," <i>Cell</i> 58:147-159, Cell Press (1989)

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	AS	50	Katz, L., <i>et al.</i> , "Site-specific recombination in <i>Escherichia coli</i> between the <i>att</i> sites of plasmid pSE211 from <i>Saccharopolyspora erithraea</i> ," <i>Mol. Gen. Genet.</i> 227: 155-159, Springer-Verlag (1991)
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	AR	51	Kholodenko, B.N., <i>et al.</i> , "Metabolic Design: How to Engineer a Living Cell to Desired Metabolite Concentrations and Fluxes," <i>Biotechnol. Bioengineer.</i> 59:239-247, John Wiley & Son (1998)
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	AT	51	Kim, S., and Landy, A., "Lambda Int Protein Bridges Between Higher Order Complexes at Two Distant Chromosomal Loci <i>attL</i> and <i>attR</i> ," <i>Science</i> 256:198-203, American Association for the Advancement of Science (1992)

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	AR	52	Kim, D.W., "Use of the Human Elongation Factor 1a Promoter as a Versatile and Efficient Expression System," <i>Gene</i> 91:217-223, Elsevier Science (1990)
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	AT	54	Kozak, M., "Structural features in eukaryotic mRNAs that modulate the initiation of translation," <i>J. Biol. Chem.</i> 266:19867-19870, American Society for Biochemistry and Molecular Biology (1991)

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	AS	55	Krautwald, S., and Baccarini, M., "Bacterially expressed murine CSF-1 possesses agonistic activity in its monomeric form." <i>Biochem. Biophys. Res. Commun.</i> 192: 720-727, Elsevier Science (1993)
	AT	55	Kuempel, P., <i>et al.</i> , "Use of a transposon (Tndif) to obtain suppressing and nonsuppressing insertions of the <i>dif</i> resolvase site of <i>Escherichia coli</i> ," <i>Genes & Development</i> 10:1162-1171, Cold Spring Harbor Laboratory Press (May 1, 1996)

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	AL						Yes No
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	AR	<u>61</u>	Leung, L.L.K., "Application of Combinatorial Libraries and Protein Engineering to the Discovery of Novel Anti-Thrombotic Drugs," <i>Thromb. Haemost.</i> 74:373-376, F.K. Schattauer Verlagsgesellschaft mbH (1995)
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	AR	<u>62</u>	Lorbach, E., <i>et al.</i> , "Site-specific Recombination in Human Cells Catalyzed by Phage λ Integrase Mutants," <i>J. Mol. Biol.</i> 296:1175-1181, Academic Press (March 2000)
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	AR	63	Mackie, G.A., "Nucleotide Sequence of the Gene for Ribosomal Protein S20 and Its Flanking Regions," <i>J. Biol. Chem.</i> 256:8177-8182, American Society for Biochemistry and Molecular Biology, Inc. (1981)
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	AS	64	Mahillon, J., <i>et al.</i> , "IS231 and other <i>Bacillus thuringiensis</i> transposable elements: a review," <i>Genetica</i> 93:13-26, Kluwer Academic (November 1994)
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	AR	69	Miller, H.L., <i>et al.</i> , "int-h: an <i>int</i> Mutation of Phage λ That Enhances Site-Specific Recombination," <i>Cell</i> 20: 721-729, Cell Press (1980)
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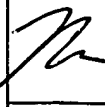

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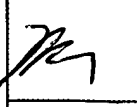

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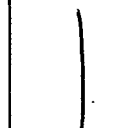
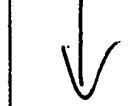
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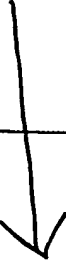
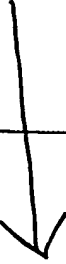
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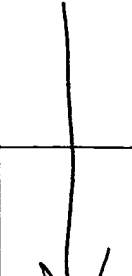
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